

The Twin Cities Tornadoes of 6 May 1965:

A 40 Year Anniversary Historical Perspective

Daniel J. Miller

NOAA/NWS/Weather Forecast Office, Norman, OK
(Formerly - NWSFO, Twin Cities/Chanhassen MN)



Putting Things In Perspective

CNN.com QuickVote - Microsoft Internet Explorer

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Yes		66%	74782 votes
No		34%	37738 votes

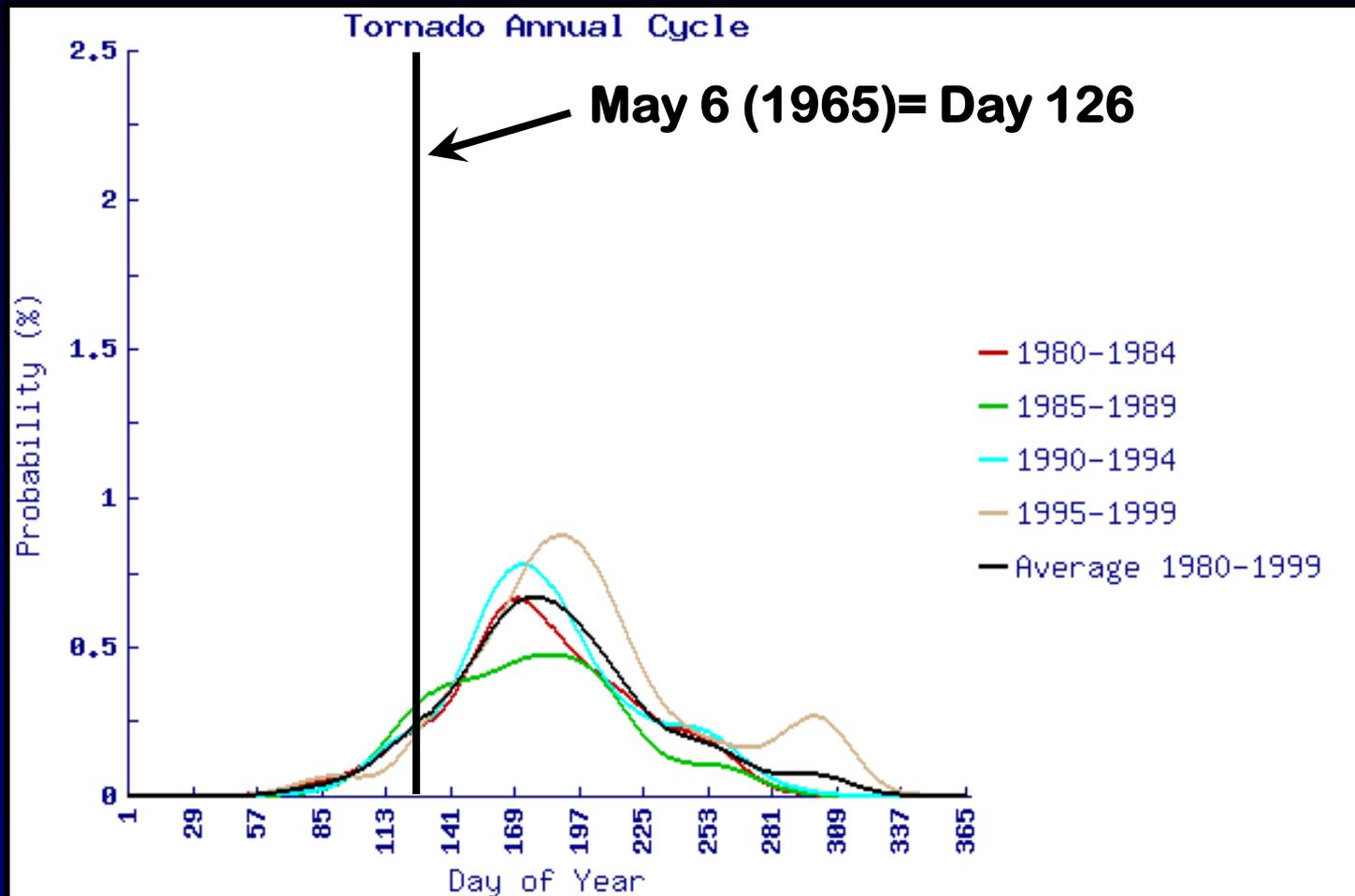
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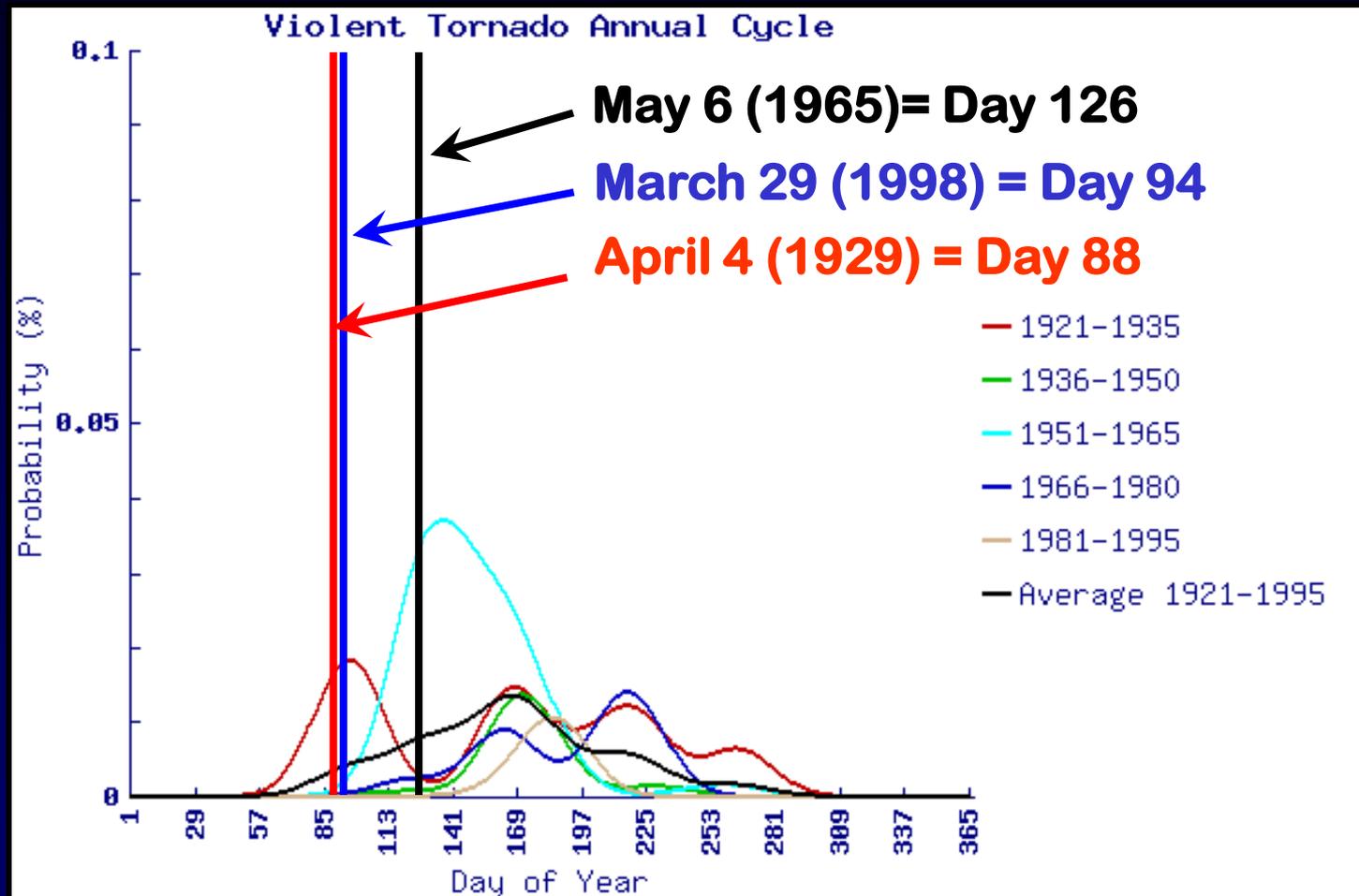
MSP Tornado Climatology

All Tornadoes

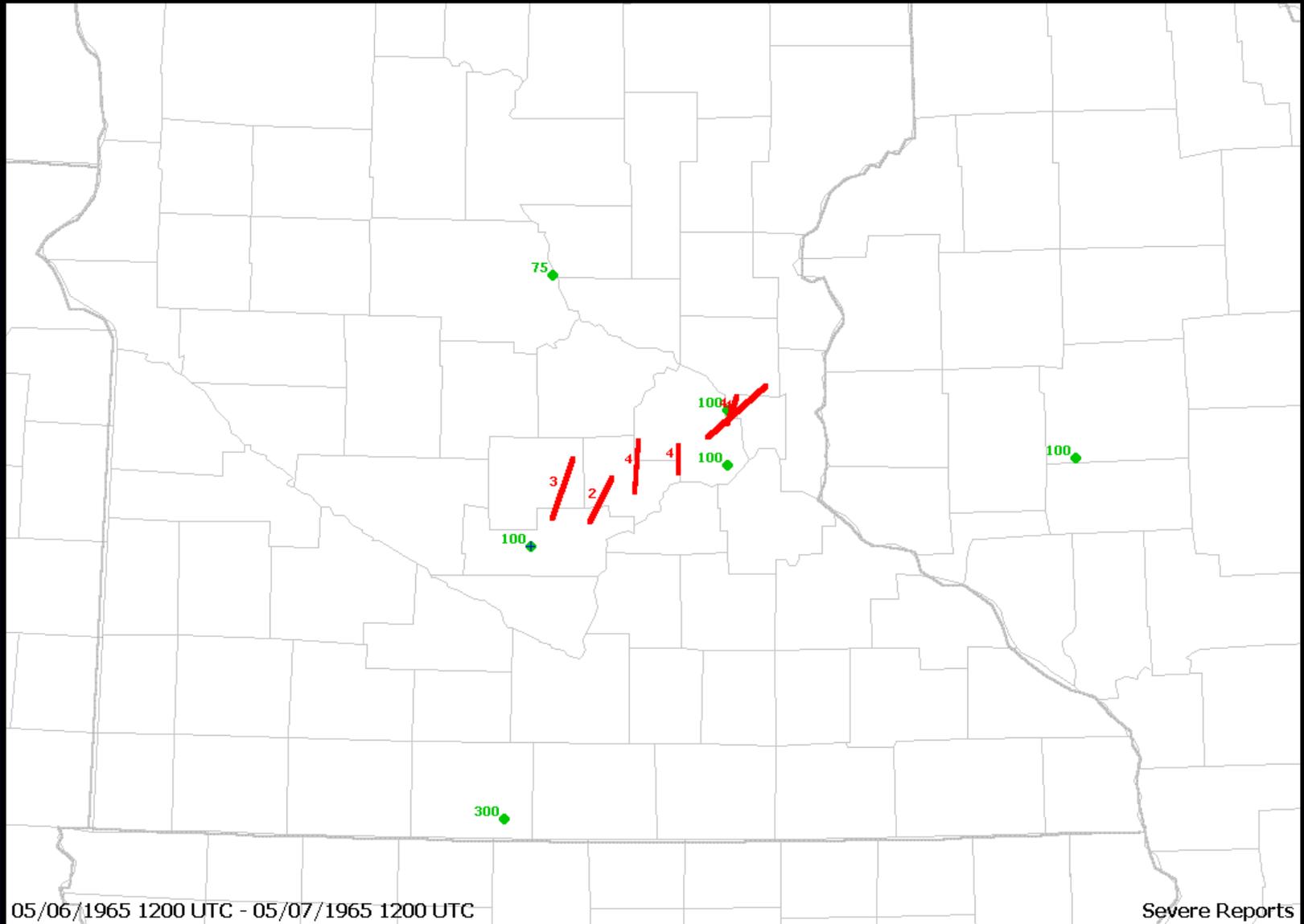


MSP Tornado Climatology

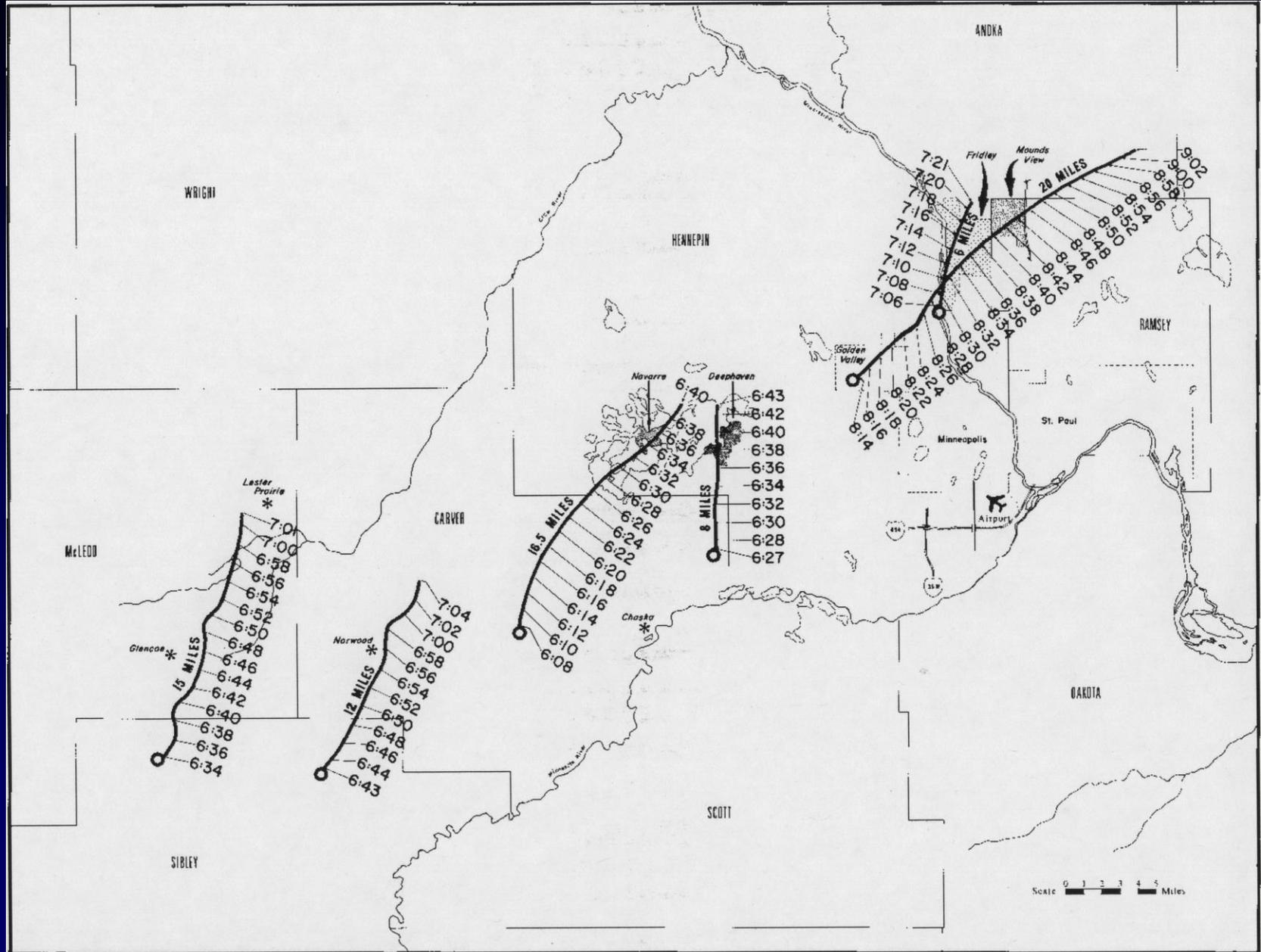
Violent (F4-F5) Tornadoes



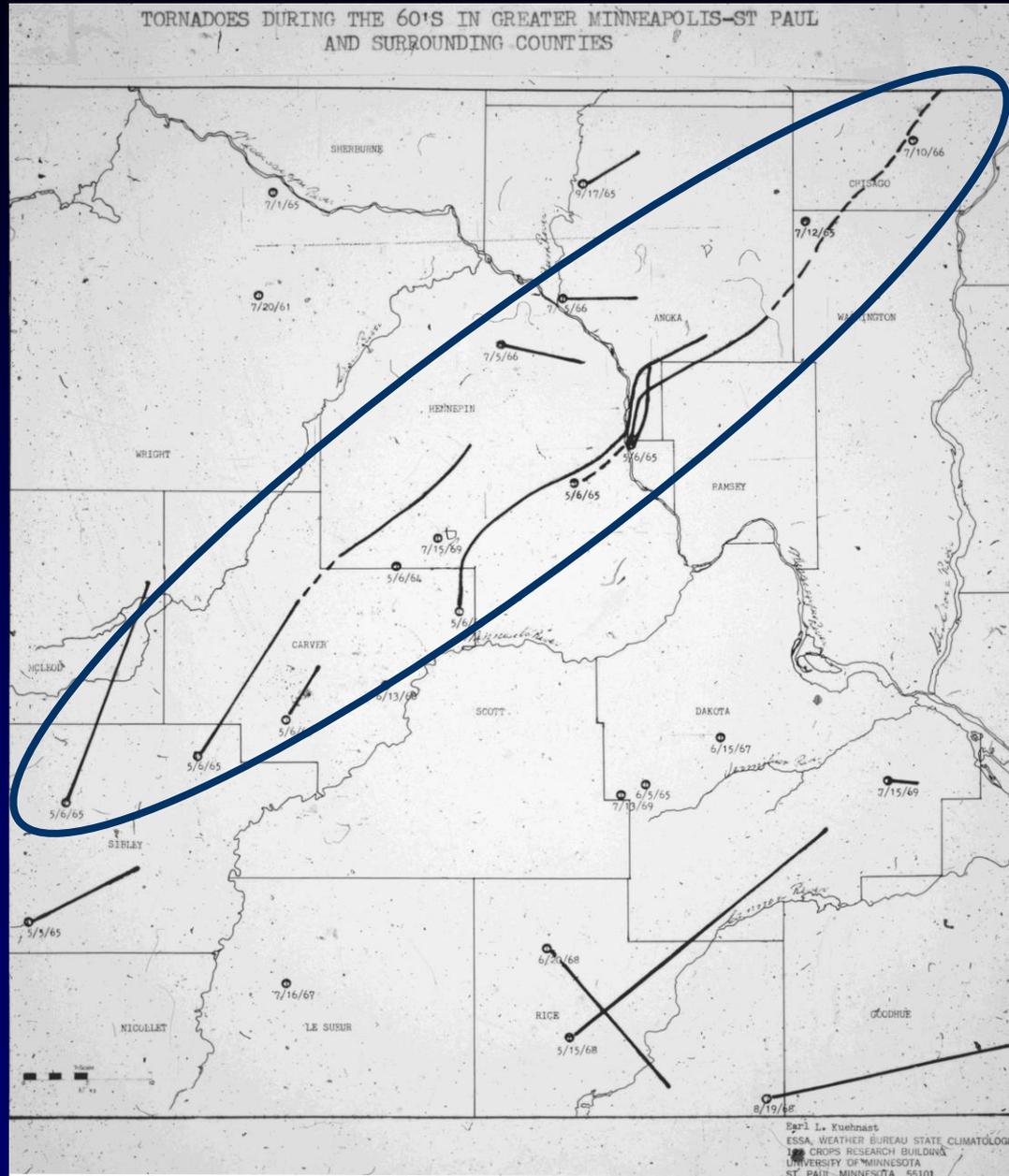
Minnesota Events of 6 May 1965



Minnesota Events of 6 May 1965



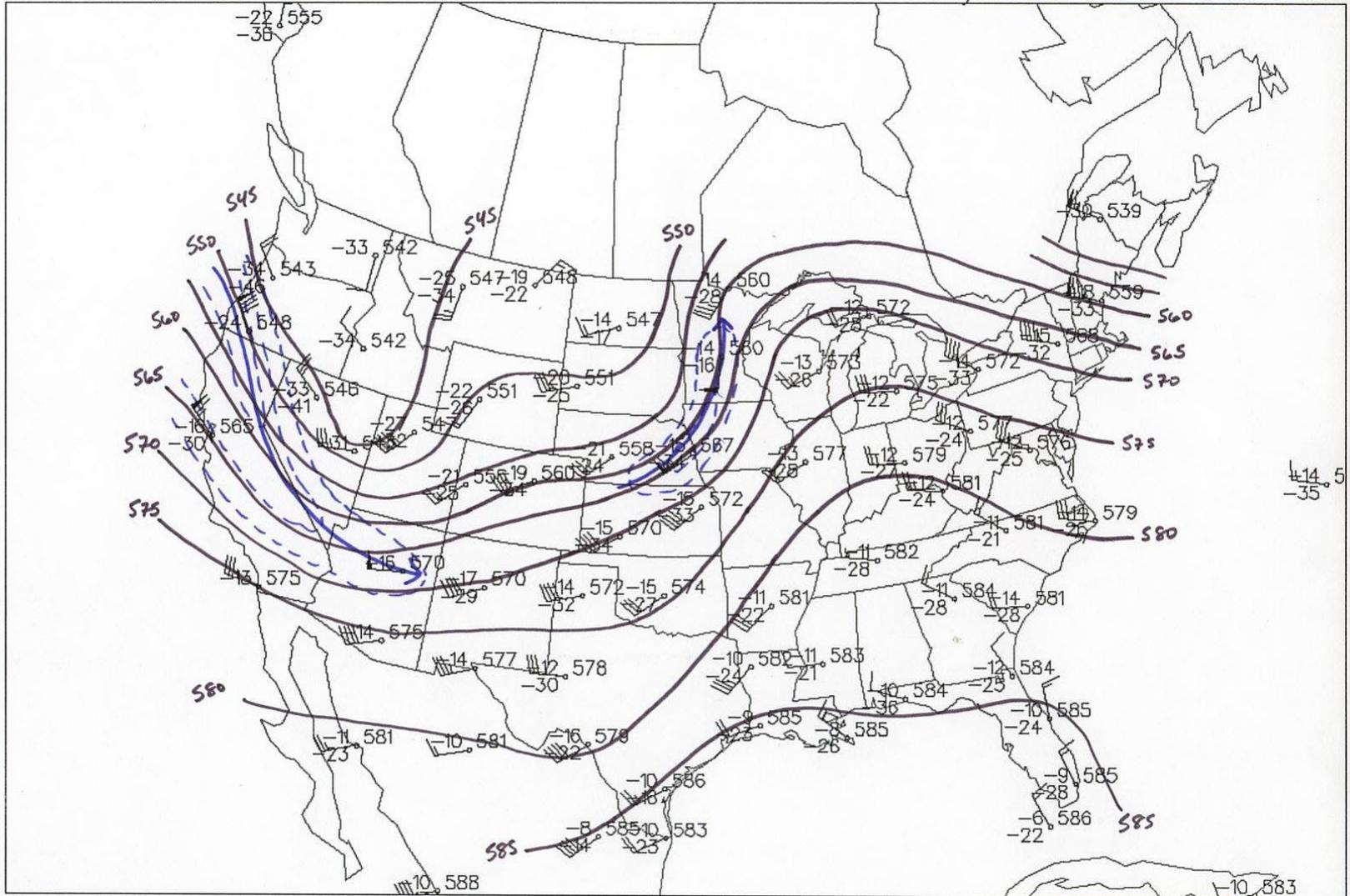
Minnesota Events of 6 May 1965



500mb - 00z 6 May 1965

500 mb All data

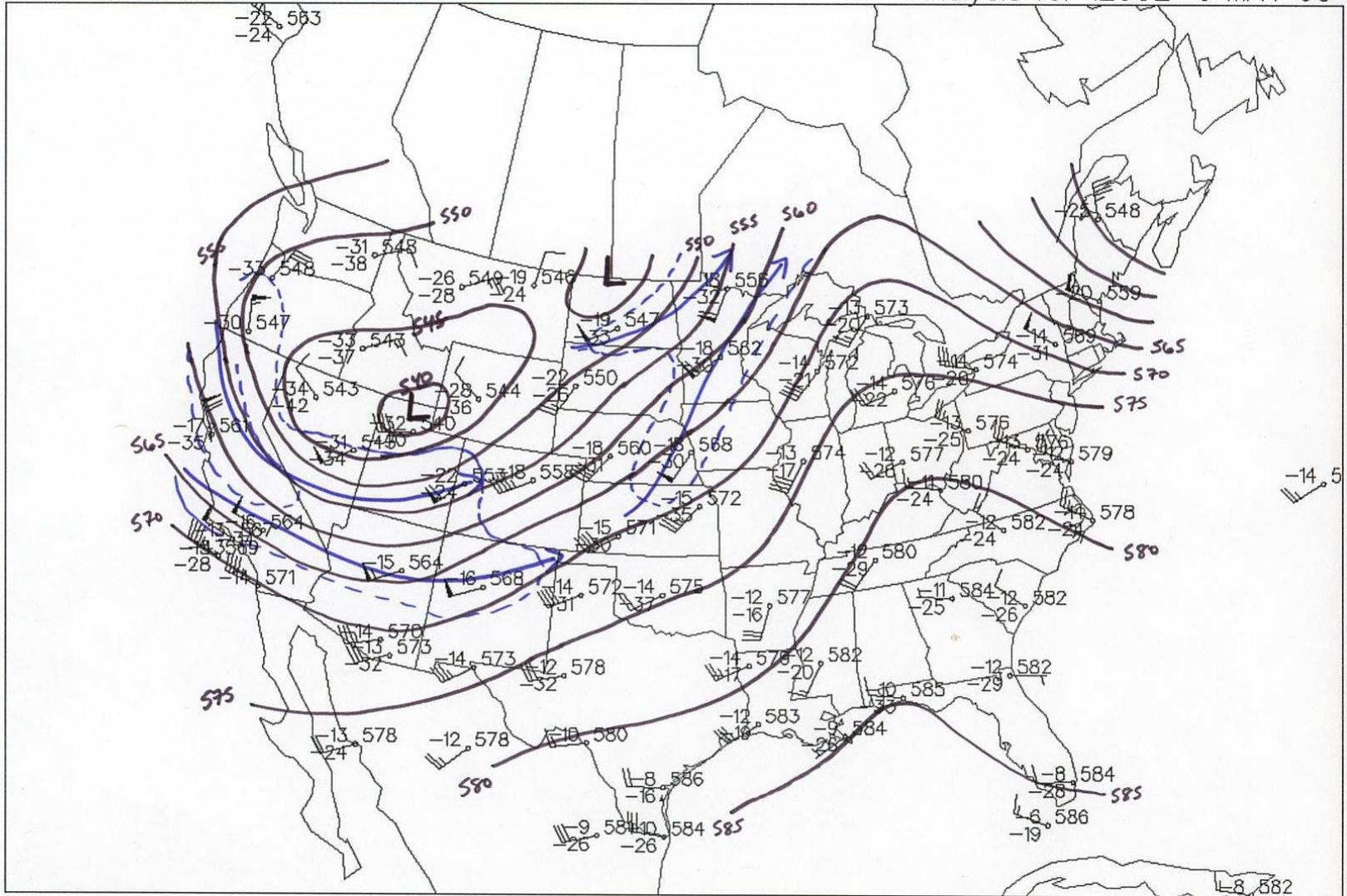
Analysis for 0000Z 6 MAY 65



500mb - 12z 6 May 1965

500 mb All data

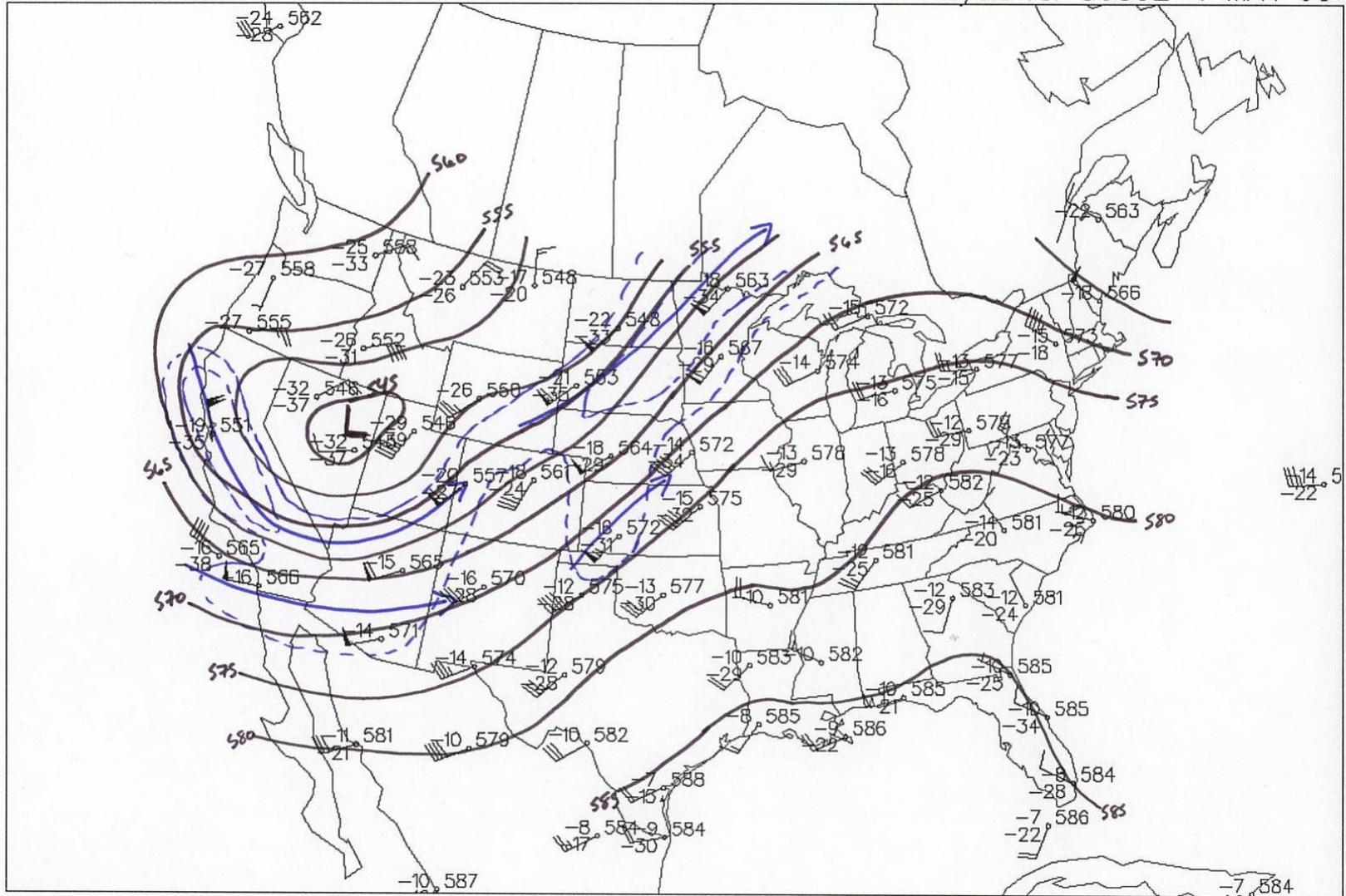
Analysis for 1200Z 6 MAY 65



500mb - 00z 7 May 1965

500 mb All data

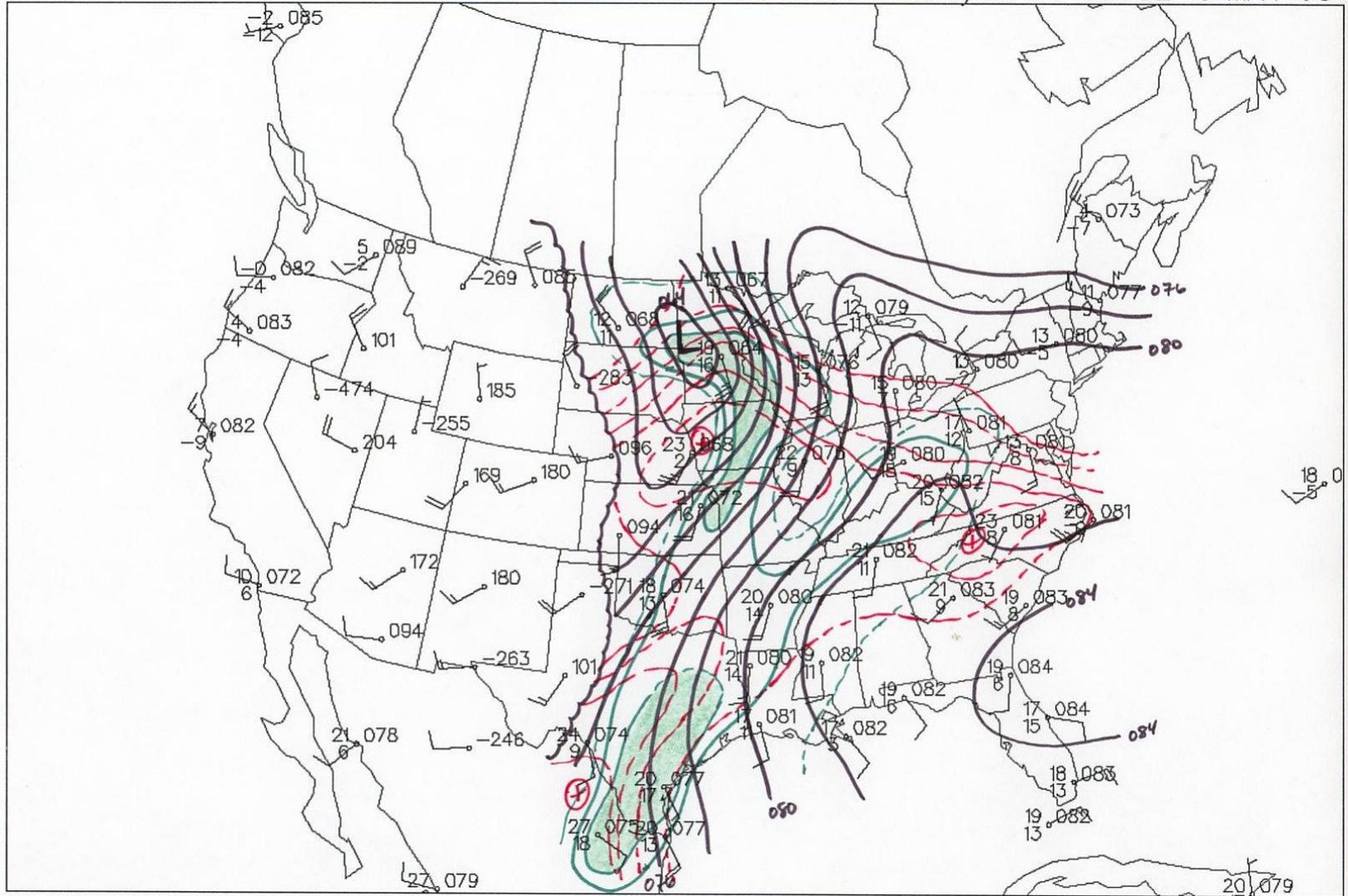
Analysis for 0000Z 7 MAY 65



925mb - 00z 6 May 1965

925 mb All data

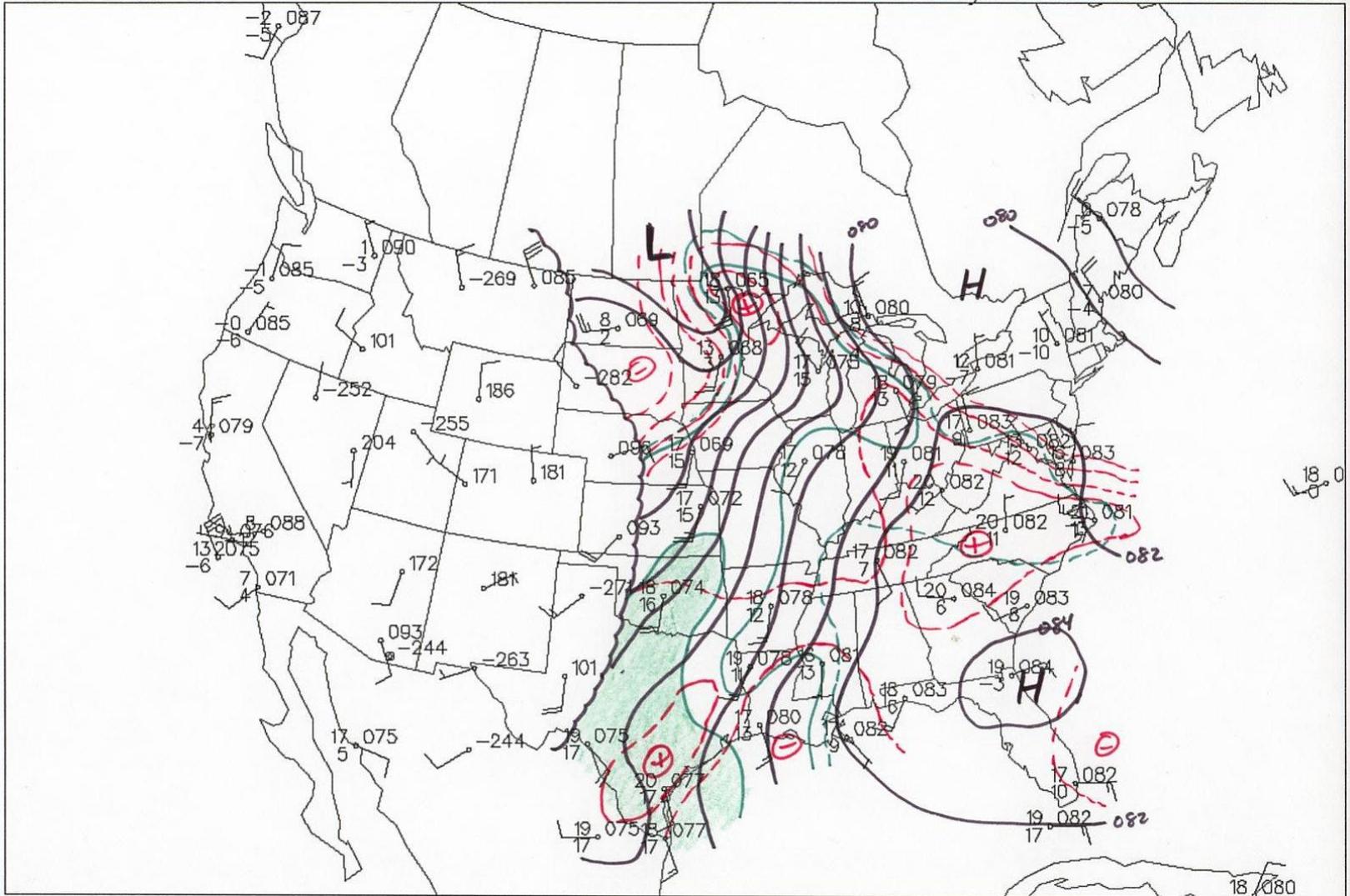
Analysis for 0000Z 6 MAY 65



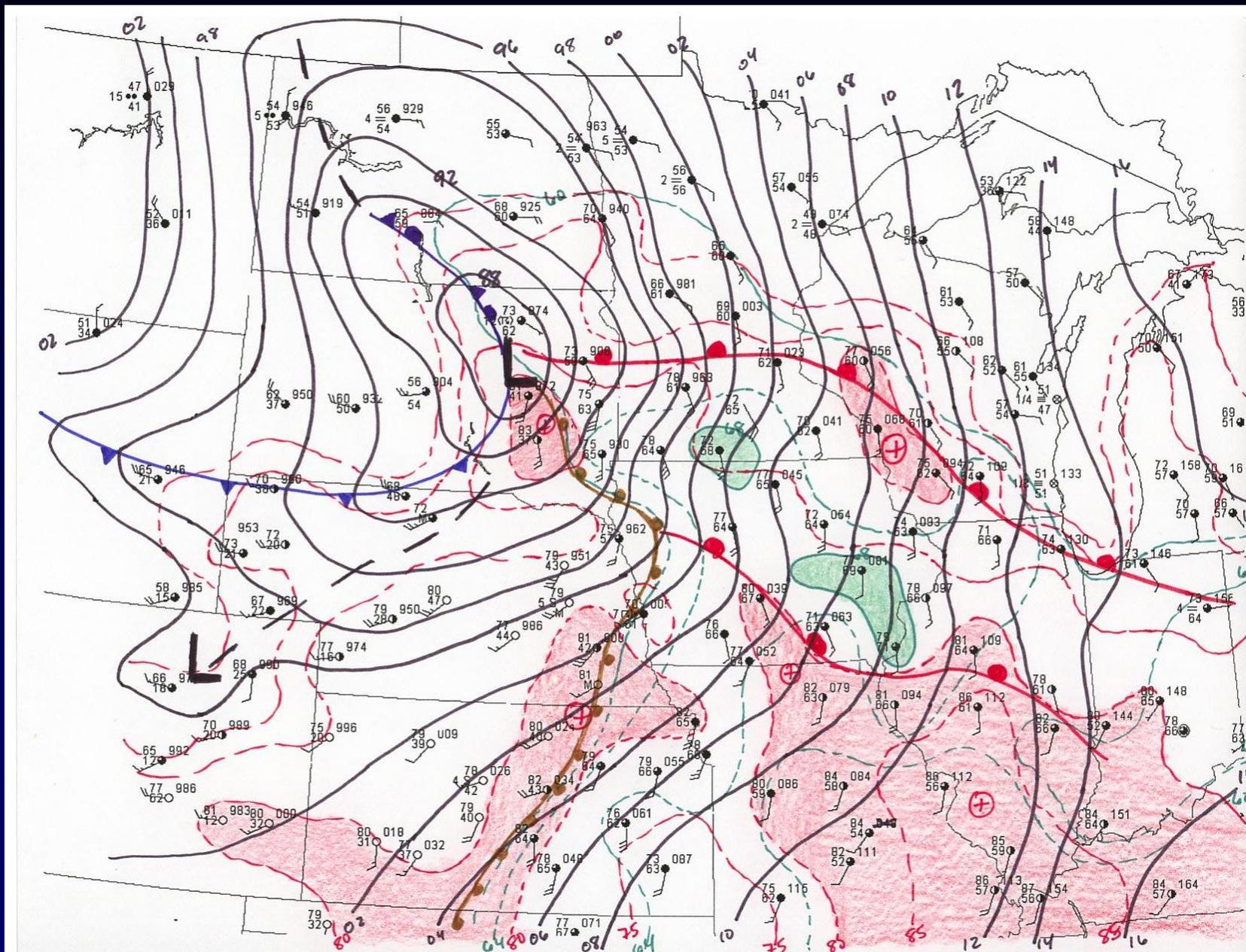
925mb - 12z 6 May 1965

925 mb All data

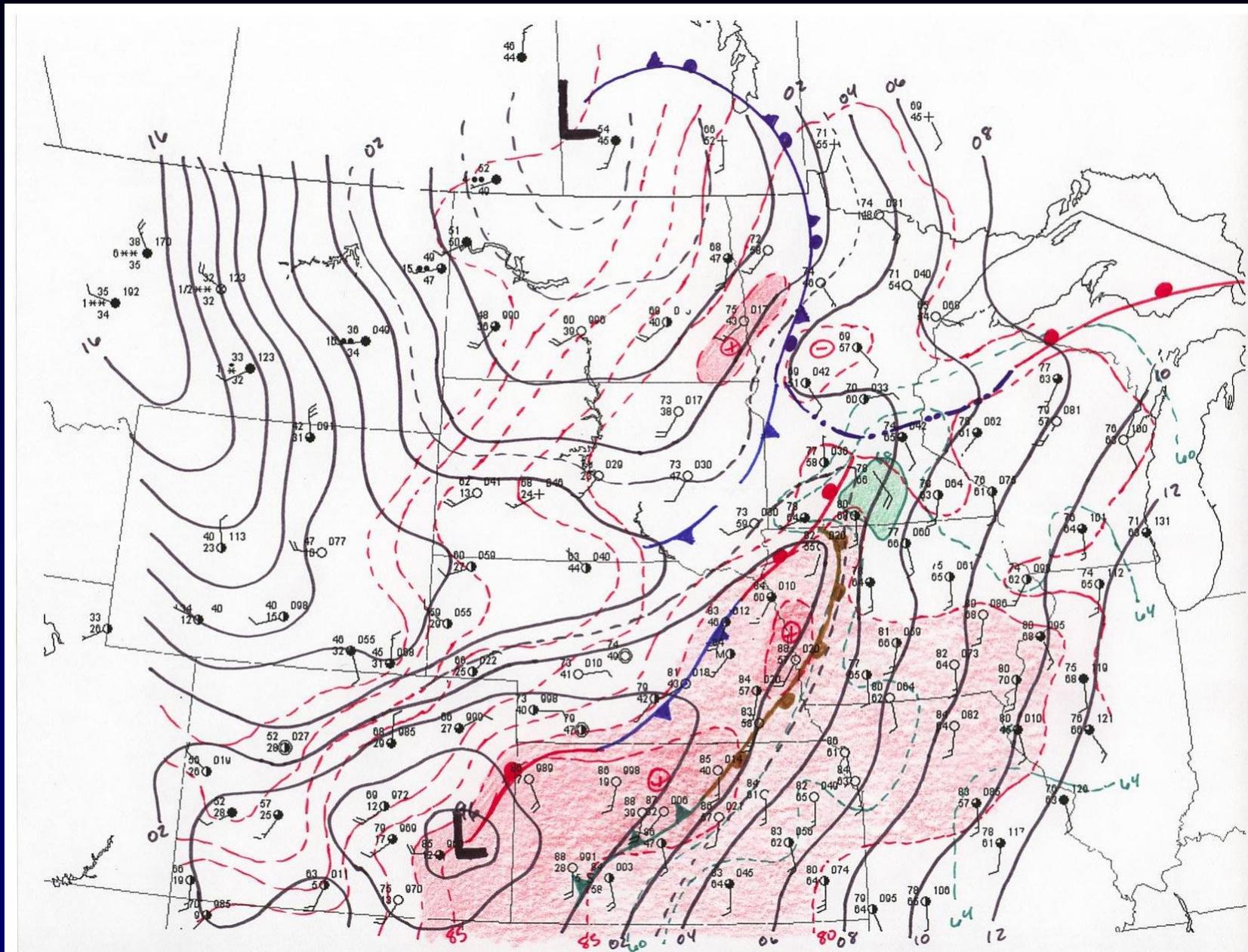
Analysis for 1200Z 6 MAY 65



Surface Map - 21z 5 May 1965

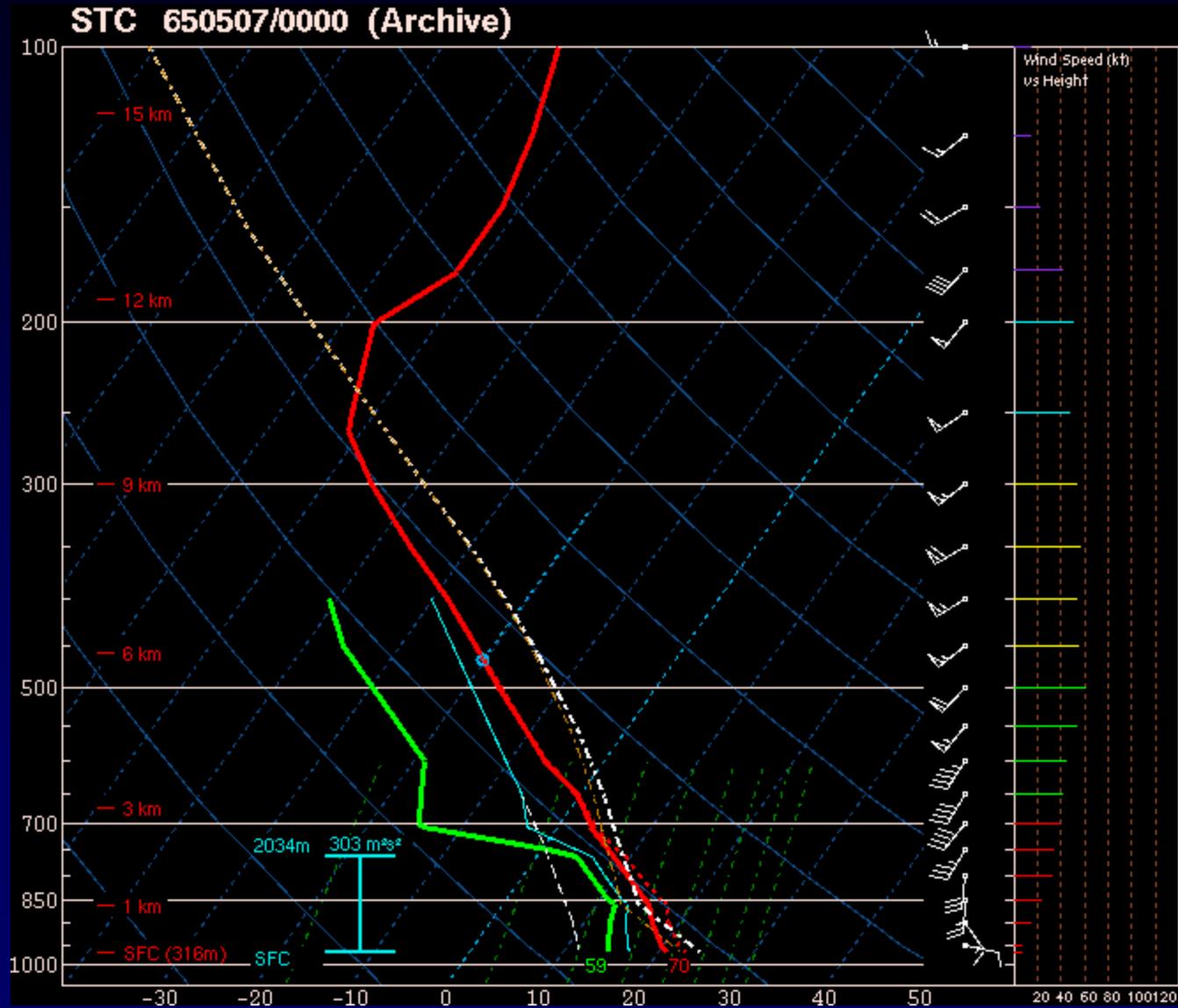


Surface Map - 00z 7 May 1965



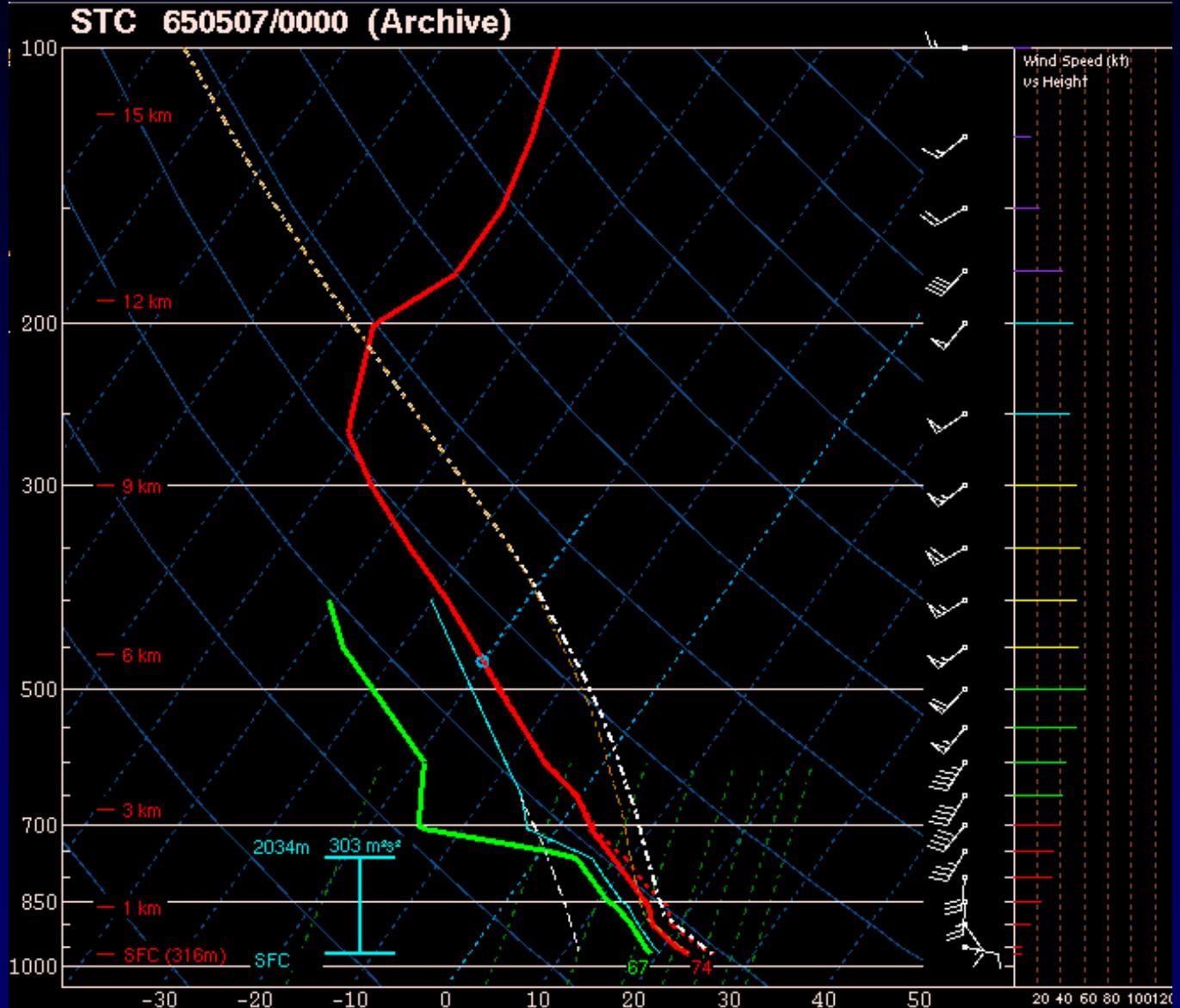
Thermodynamics

St. Cloud MN 00Z 7 May 1965 (Observed)



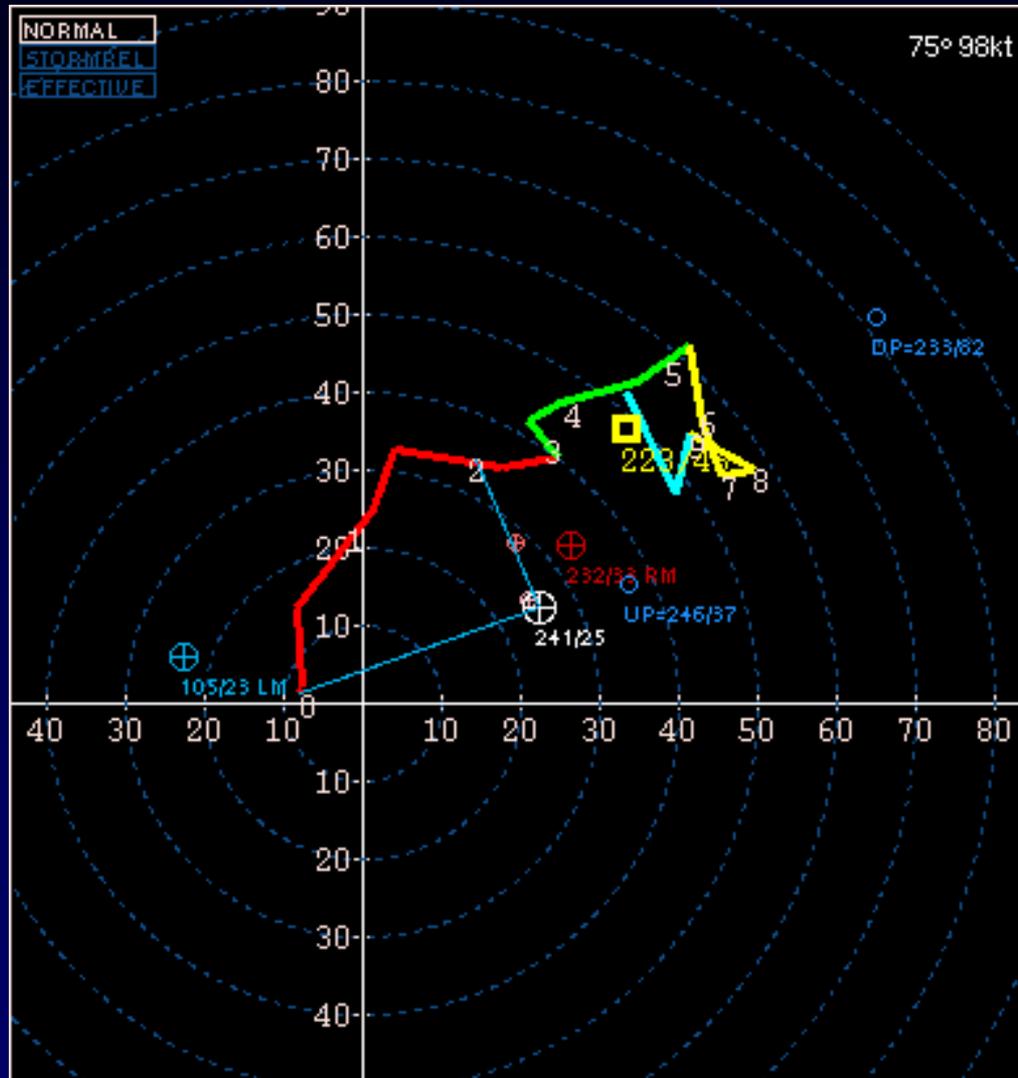
Thermodynamics

St. Cloud MN 00Z 7 May 1965 (Observed)

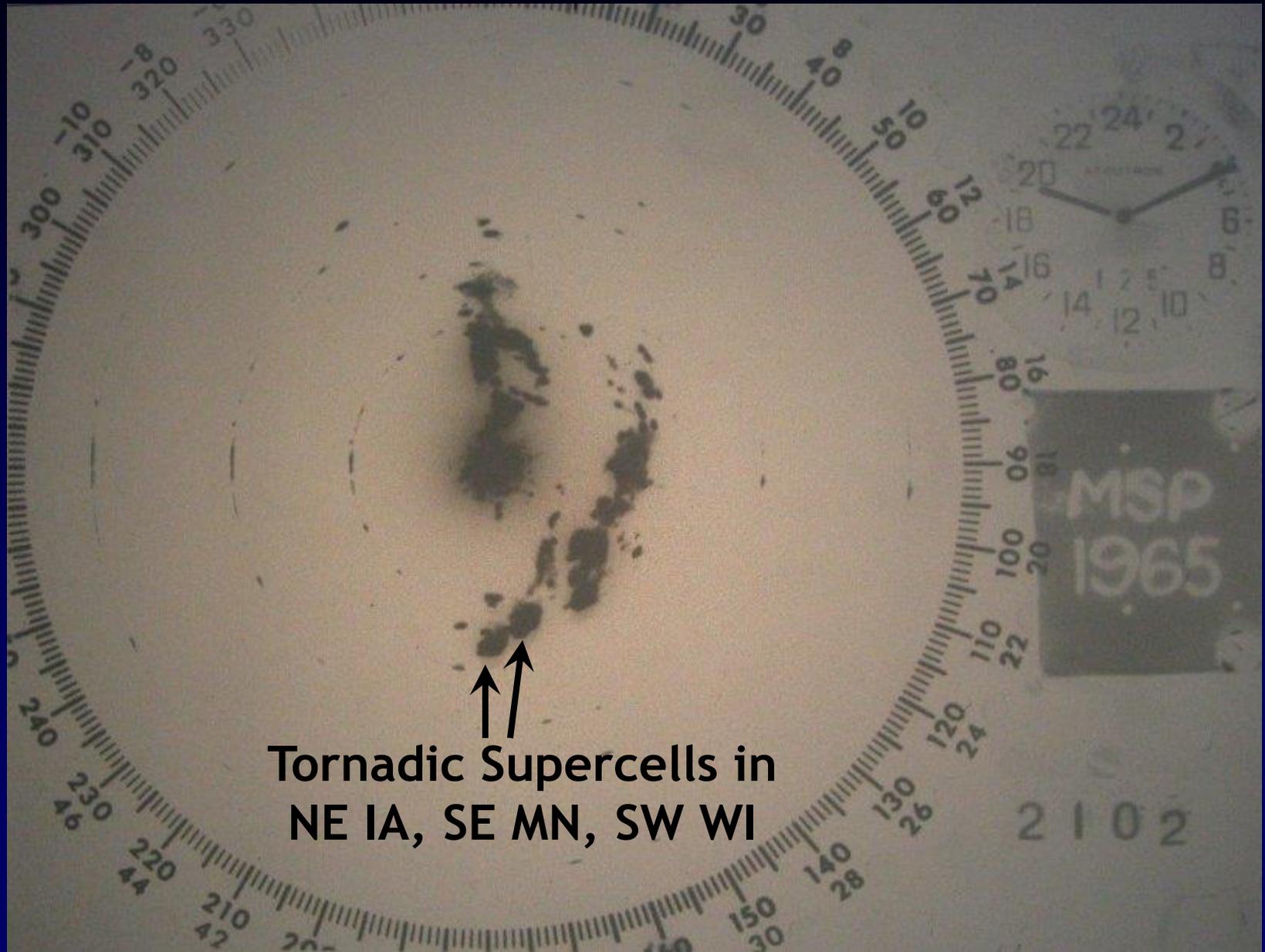


Shear

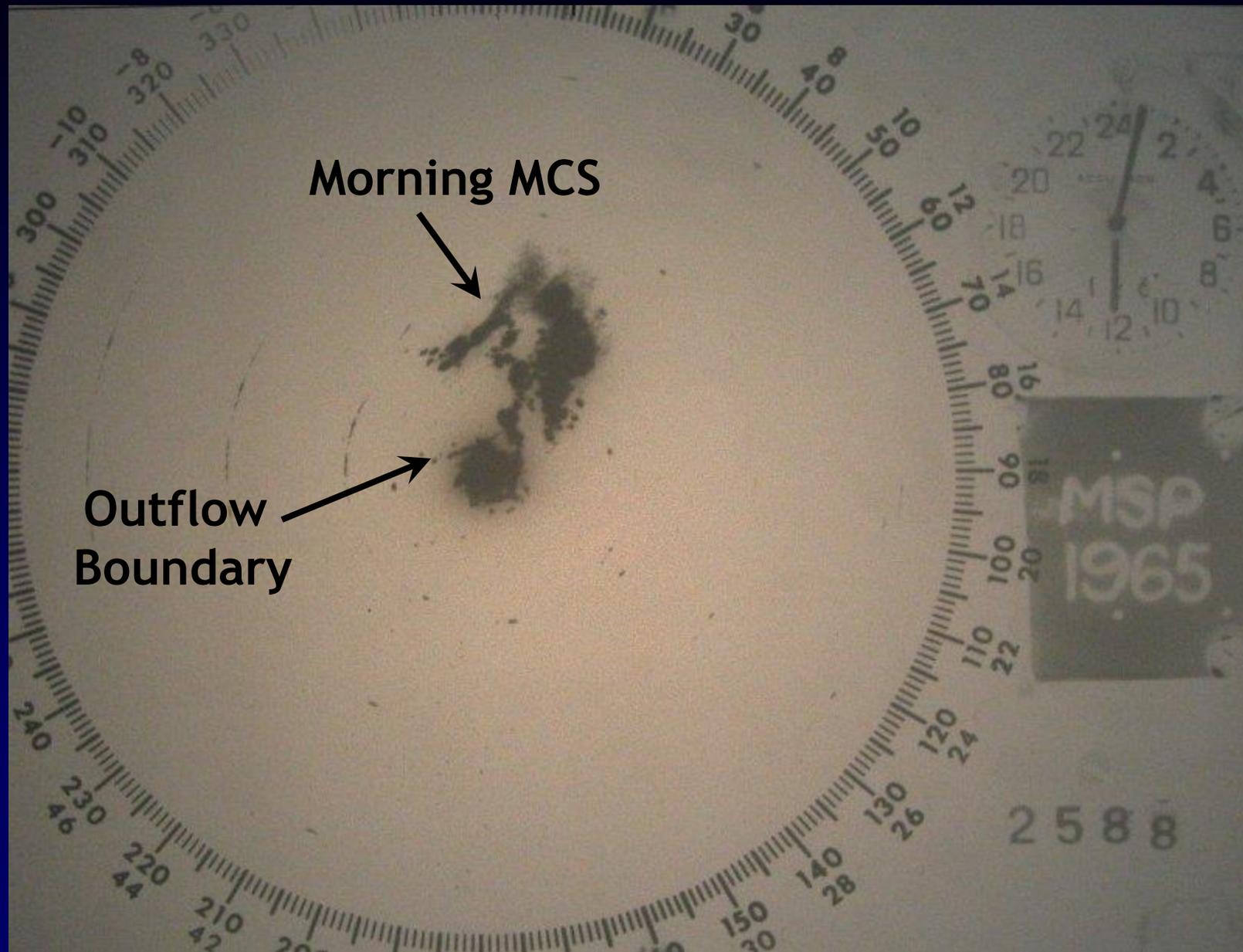
St. Cloud MN 00Z 7 May 1965 (Observed)



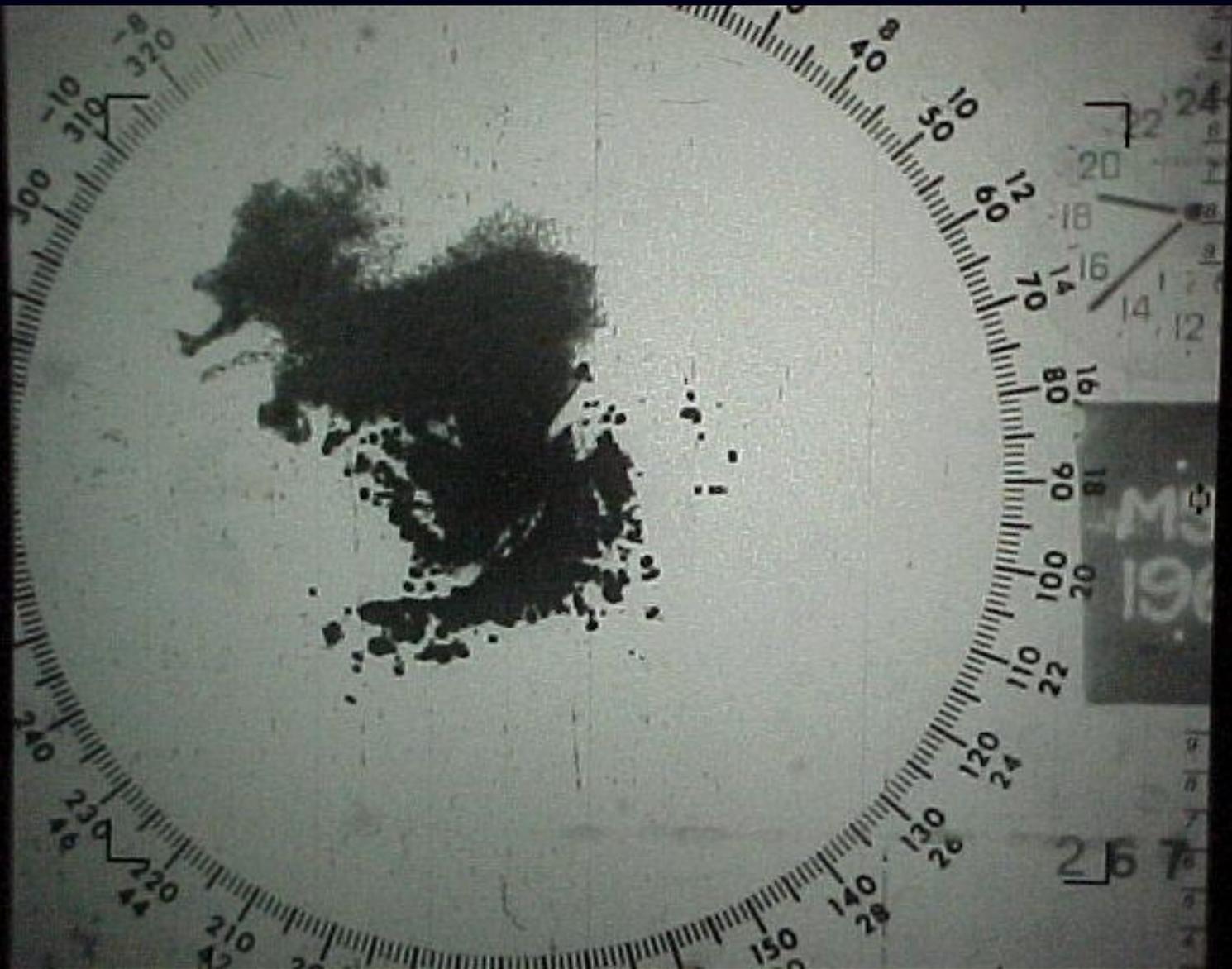
Radar ~1910 LST 5/5/65



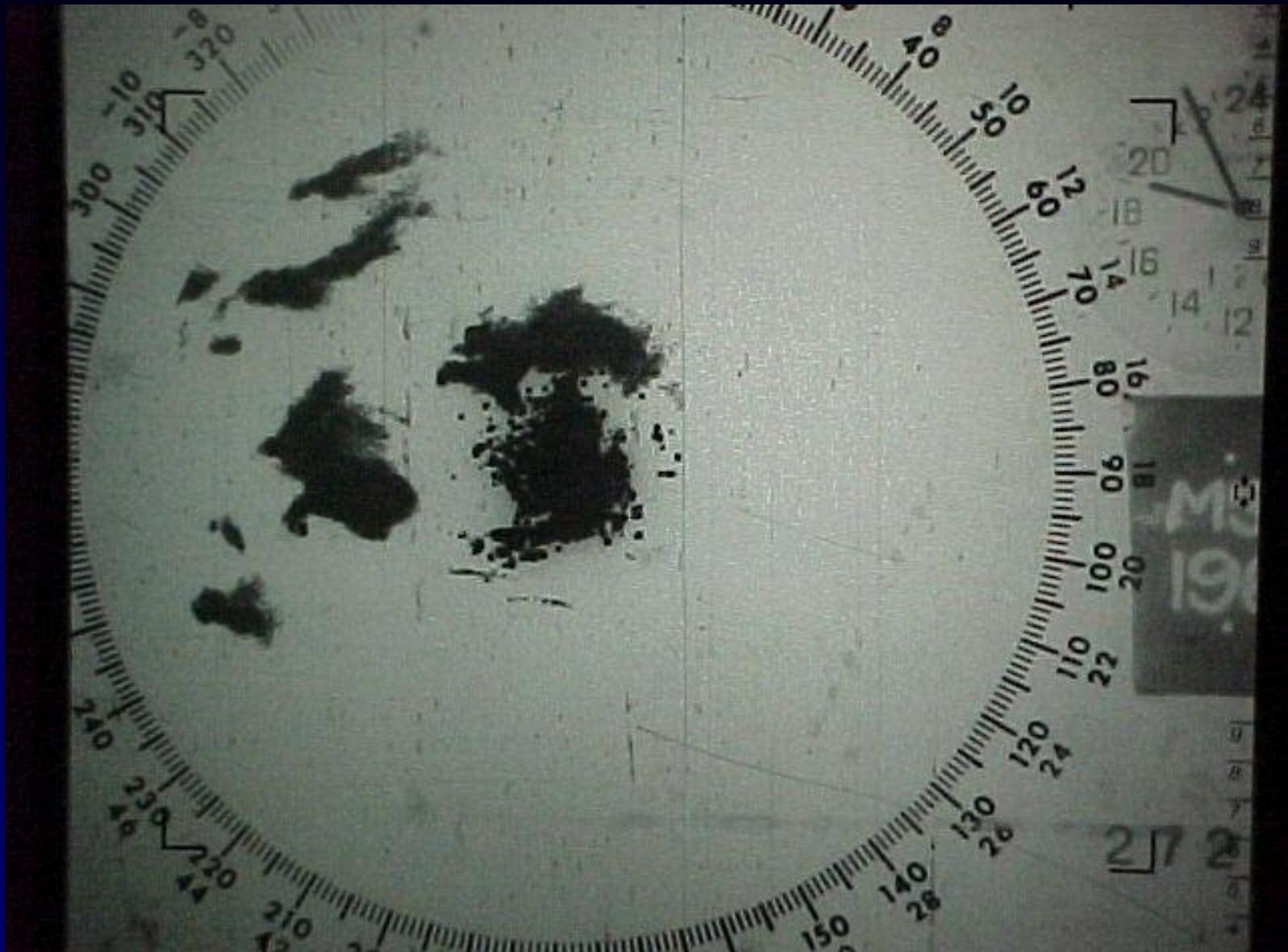
Radar ~ 1205 LST 5/6/65



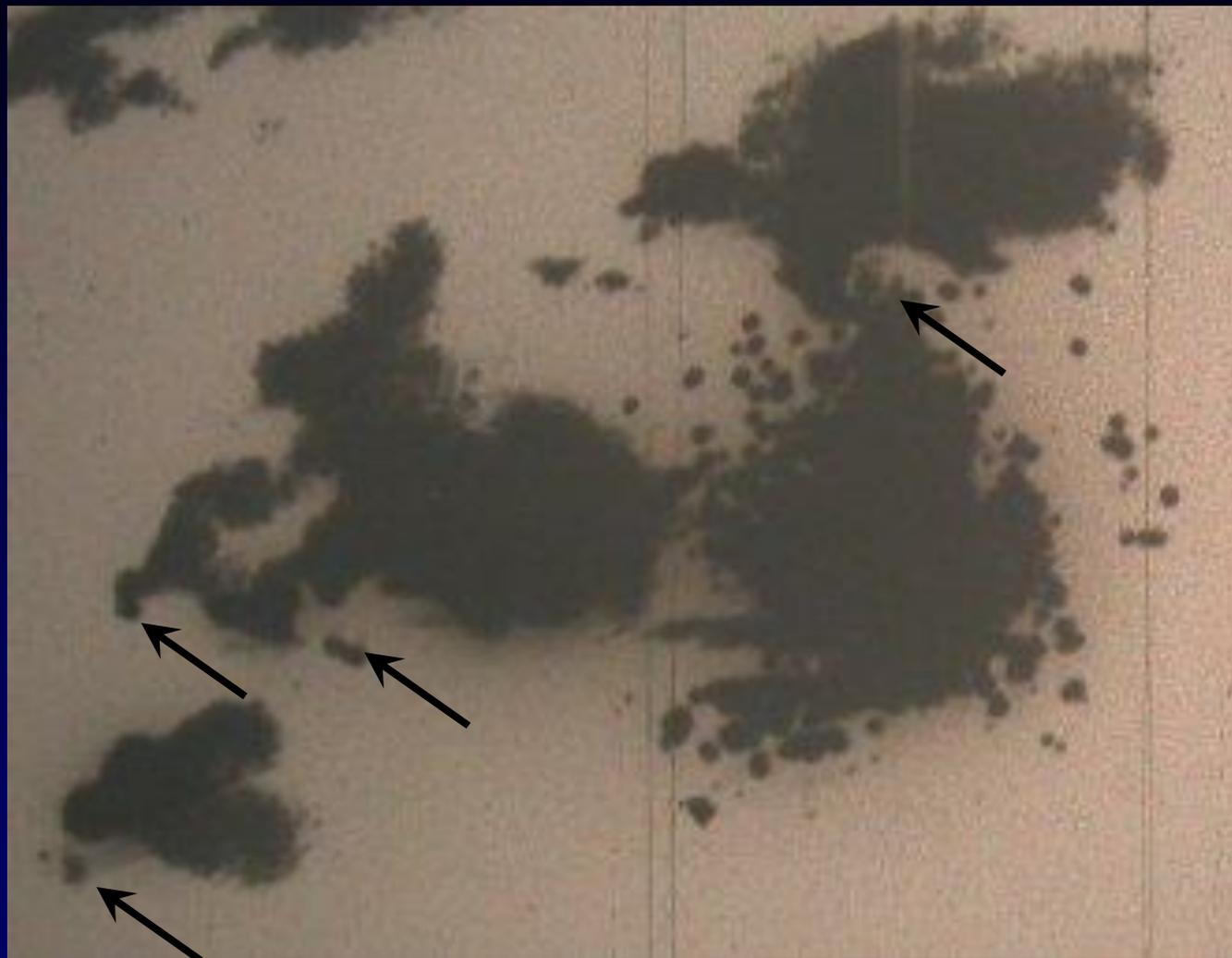
Radar Loop ~1836-1845 LST 5/6/65



Radar Loop ~1855-2038 LST 5/6/65



Radar ~1909 LST 5/6/65

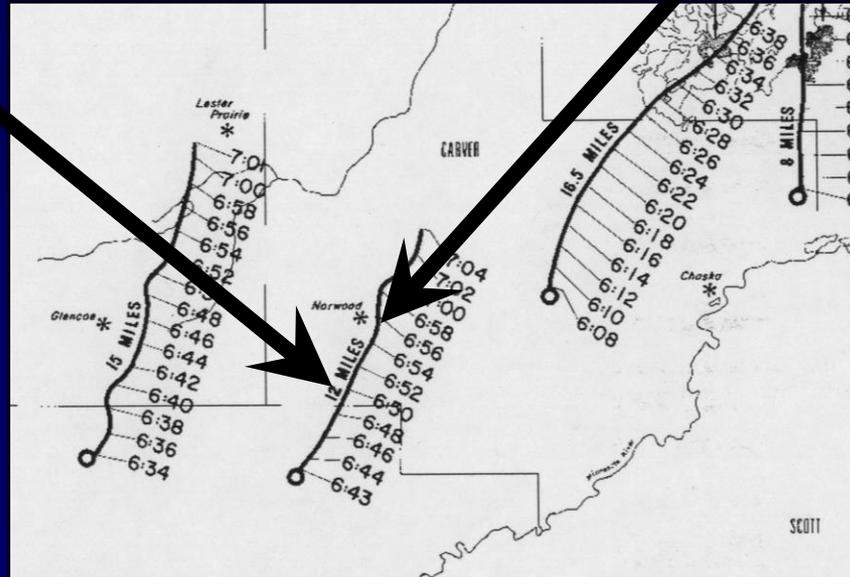


Southwest of Minneapolis

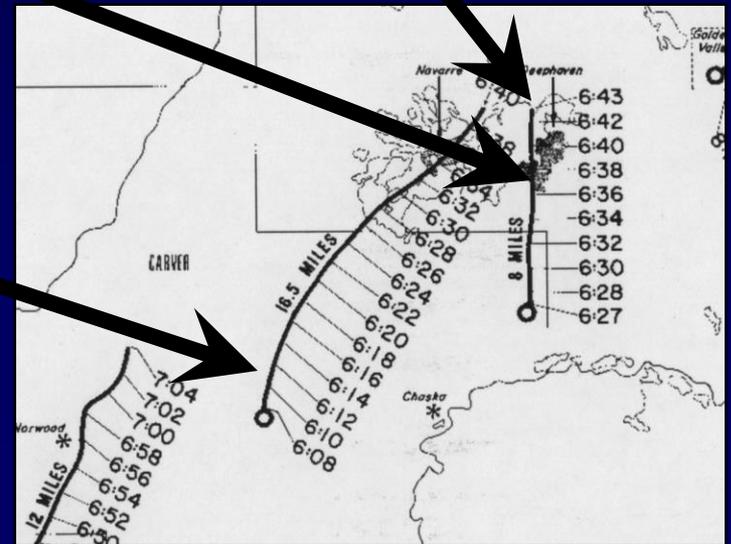
Hamburg, MN



Norwood, MN

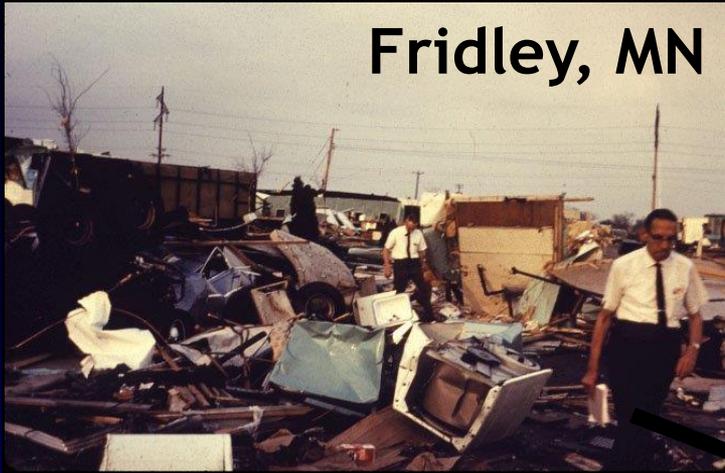


Lake Minnetonka Area



Fridley Area

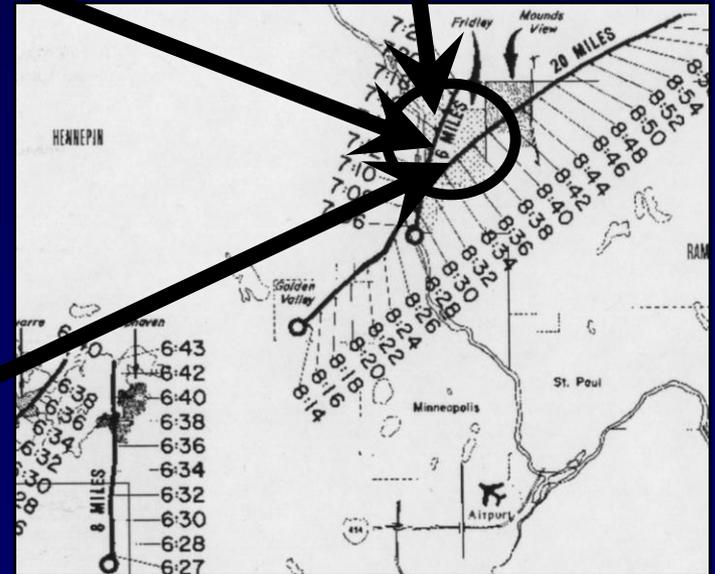
Fridley, MN



Fridley, MN



Fridley, MN



Statistics

Socio-Economic Impact:

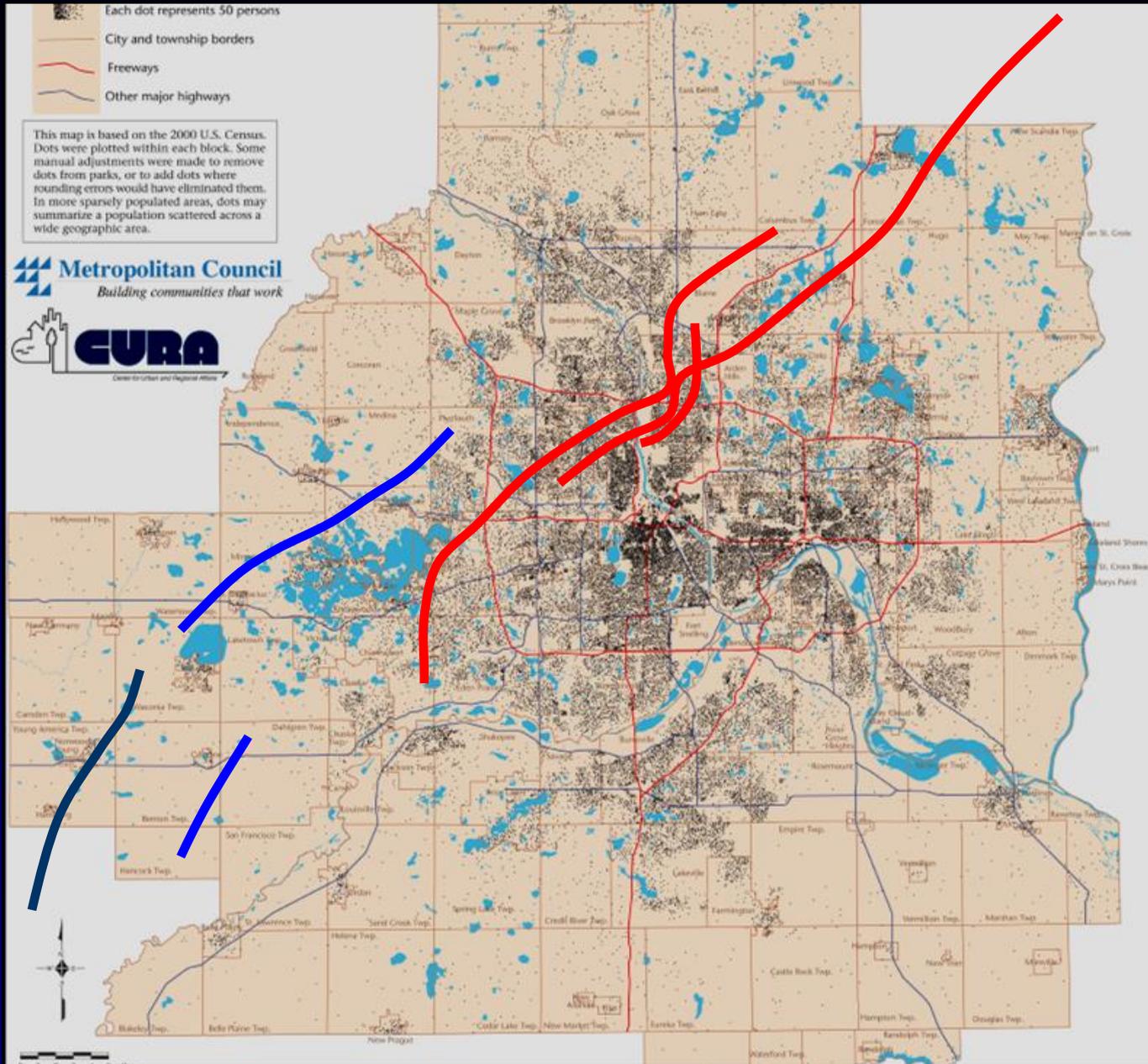
Deaths:	14
Injuries:	Over 500
Damage:	\$51 million

Meteorology:

Tornadoes:	7
Time:	~3 Hours
F4 Tornadoes:	4
Counties Affected:	6

2 F4s, F3 and and F2 all occurring simutaneously

What If This Happened Again?



Thanks For Your Attention!

Many Thanks To:

Todd Krause - NWS/WFO - Twin Cities/Chanhassen MN

John Margraf - NWS/WFO - Twin Cities/Chanhassen MN

Jessica Schultz - NWS/ROC - Norman OK

John Finch - NWS/WFO - Dodge City KS

Robert Johns - NWS/SPC(retired) - Norman OK